

Abbreviations:

Not cooked and not eaten=NOT cooked with skin and NOT eaten with skin  
Yes cooked and not eaten=YES cooked with skin and NOT eaten with skin  
Yes cooked and yes eaten=YES cooked with skin and YES eaten with skin

Pred mutagen=Predicted mutagenicity  
Meat mutagen=Actual mutagenicity (Ames)

Note for grilled chicken, the values for medium and well are the same since they were unreasonably high for the well done chicken with regard to actual and predicted mutagenicity.

\*\*\*\*\*Pan Fried chicken\*\*\*\*\*;

/\* Meiqx\*/

Meiqx Fried Chicken Not Cooked And Not Eaten Just Done =0.09;  
Meiqx Fried Chicken Not Cooked And Not Eaten Medium Done =0.34;  
Meiqx Fried Chicken Not Cooked And Not Eaten Very Done =1.04;

Meiqx Fried Chicken Yes Cooked And Not Eaten Just Done =0.14;  
Meiqx Fried Chicken Yes Cooked And Not Eaten Medium Done =0.49;  
Meiqx Fried Chicken Yes Cooked And Not Eaten Very Done =0.25;

Meiqx Fried Chicken Yes Cooked And Yes Eaten Just Done =0.25;  
Meiqx Fried Chicken Yes Cooked And Yes Eaten Medium Done =0.65;  
Meiqx Fried Chicken Yes Cooked And Yes Eaten Well Done =0.72;

/\* Phip\*/

Phip Fried Chicken Not Cooked And Not Eaten Just Done =0.54;  
Phip Fried Chicken Not Cooked And Not Eaten Medium Done =1.53;  
Phip Fried Chicken Not Cooked And Not Eaten Very Done =7.64;

Phip Fried Chicken Yes Cooked And Not Eaten Just Done =1.39;  
Phip Fried Chicken Yes Cooked And Not Eaten Medium Done =3.18;  
Phip Fried Chicken Yes Cooked And Not Eaten Very Done =5.80;

Phip Fried Chicken Yes Cooked And Yes Eaten Just Done =2.43;  
Phip Fried Chicken Yes Cooked And Yes Eaten Medium Done =7.86;  
Phip Fried Chicken Yes Cooked And Yes Eaten Well Done =21.13;

/\*Dimeiqx\*/

Dimeiqx Fried Chicken Not Cooked And Not Eaten Just Done =0;  
Dimeiqx Fried Chicken Not Cooked And Not Eaten Medium Done =0;  
Dimeiqx Fried Chicken Not Cooked And Not Eaten Very Done =0.51;

Dimeiqx Fried Chicken Yes Cooked And Not Eaten Just Done =0;  
Dimeiqx Fried Chicken Yes Cooked And Not Eaten Medium Done =0;  
Dimeiqx Fried Chicken Yes Cooked And Not Eaten Very Done =0;

Dimeiqx Fried Chicken Yes Cooked And Yes Eaten Just Done =0.06;  
Dimeiqx Fried Chicken Yes Cooked And Yes Eaten Medium Done =0.06;  
Dimeiqx Fried Chicken Yes Cooked And Yes Eaten Well Done =0;

/\* Pred Mutagenicity\*/

Pred Mutagen Fried Chicken Not Cooked And Not Eaten Just Done =9.33;  
Pred Mutagen Fried Chicken Not Cooked And Not Eaten Medium Done =36.67;  
Pred Mutagen Fried Chicken Not Cooked And Not Eaten Very Done =281;

```

Pred Mutagen Fried Chicken Yes Cooked And Not Eaten Just Done =50;
Pred Mutagen Fried Chicken Yes Cooked And Not Eaten Medium Done =55;
Pred Mutagen Fried Chicken Yes Cooked And Not Eaten Very Done =36.77;

Pred Mutagen Fried Chicken Yes Cooked And Yes Eaten Just Done =77.17;
Pred Mutagen Fried Chicken Yes Cooked And Yes Eaten Medium Done =100.5;
Pred Mutagen Fried Chicken Yes Cooked And Yes Eaten Well Done =113.80;

/* Actual Mutagenicity*/

Meat Mutagen Fried Chicken Not Cooked And Not Eaten Just Done =43.33;
Meat Mutagen Fried Chicken Not Cooked And Not Eaten Medium Done =359.33;
Meat Mutagen Fried Chicken Not Cooked And Not Eaten Very Done =122.67;

Meat Mutagen Fried Chicken Yes Cooked And Not Eaten Just Done =35.33;
Meat Mutagen Fried Chicken Yes Cooked And Not Eaten Medium Done =116;
Meat Mutagen Fried Chicken Yes Cooked And Not Eaten Very Done =89.67;

Meat Mutagen Fried Chicken Yes Cooked And Yes Eaten Just Done =41.61;
Meat Mutagen Fried Chicken Yes Cooked And Yes Eaten Medium Done =142.81;
Meat Mutagen Fried Chicken Yes Cooked And Yes Eaten Well Done =153.78;

*****Broiled Chicken*****;

/* Meiqx*/

Meiqx Broiled Chicken Not Cooked And Not Eaten Just Done =0;
Meiqx Broiled Chicken Not Cooked And Not Eaten Medium Done =0.09;
Meiqx Broiled Chicken Not Cooked And Not Eaten Very Done =0.5;

Meiqx Broiled Chicken Yes Cooked And Not Eaten Just Done =0;
Meiqx Broiled Chicken Yes Cooked And Not Eaten Medium Done =0;
Meiqx Broiled Chicken Yes Cooked And Not Eaten Very Done =0.18;

Meiqx Broiled Chicken Yes Cooked And Yes Eaten Just Done =0.04;
Meiqx Broiled Chicken Yes Cooked And Yes Eaten Medium Done =0.02;
Meiqx Broiled Chicken Yes Cooked And Yes Eaten Well Done =0.32;

/* Phip*/

Phip Broiled Chicken Not Cooked And Not Eaten Just Done =0.49;
Phip Broiled Chicken Not Cooked And Not Eaten Medium Done =2.18;
Phip Broiled Chicken Not Cooked And Not Eaten Very Done =18.91;

Phip Broiled Chicken Yes Cooked And Not Eaten Just Done =0;
Phip Broiled Chicken Yes Cooked And Not Eaten Medium Done =1.75;
Phip Broiled Chicken Yes Cooked And Not Eaten Very Done =10.65;

Phip Broiled Chicken Yes Cooked And Yes Eaten Just Done =2.61;
Phip Broiled Chicken Yes Cooked And Yes Eaten Medium Done =8.06;
Phip Broiled Chicken Yes Cooked And Yes Eaten Well Done =22.87;

/*Dimeiqx*/

Dimeiqx Broiled Chicken Not Cooked And Not Eaten Just Done =0;
Dimeiqx Broiled Chicken Not Cooked And Not Eaten Medium Done =0;
Dimeiqx Broiled Chicken Not Cooked And Not Eaten Very Done =0.19;

```

```

Dimeiqx Broiled Chicken Yes Cooked And Not Eaten Just Done =0;
Dimeiqx Broiled Chicken Yes Cooked And Not Eaten Medium Done =0;
Dimeiqx Broiled Chicken Yes Cooked And Not Eaten Very Done =0;

Dimeiqx Broiled Chicken Yes Cooked And Yes Eaten Just Done =0;
Dimeiqx Broiled Chicken Yes Cooked And Yes Eaten Medium Done =0;
Dimeiqx Broiled Chicken Yes Cooked And Yes Eaten Well Done =0.09;

/* Pred Mutagenicity*/

Pred Mutagen Broiled Chicken Not Cooked And Not Eaten Just Done =1;
Pred Mutagen Broiled Chicken Not Cooked And Not Eaten Medium Done =13;
Pred Mutagen Broiled Chicken Not Cooked And Not Eaten Very Done =146;

Pred Mutagen Broiled Chicken Yes Cooked And Not Eaten Just Done =0;
Pred Mutagen Broiled Chicken Yes Cooked And Not Eaten Medium Done =3.5;
Pred Mutagen Broiled Chicken Yes Cooked And Not Eaten Very Done =38.5;

Pred Mutagen Broiled Chicken Yes Cooked And Yes Eaten Just Done =9.45;
Pred Mutagen Broiled Chicken Yes Cooked And Yes Eaten Medium Done =17.76;
Pred Mutagen Broiled Chicken Yes Cooked And Yes Eaten Well Done =105.18;

/* Actual Mutagenicity*/

Meat Mutagen Broiled Chicken Not Cooked And Not Eaten Just Done =237;
Meat Mutagen Broiled Chicken Not Cooked And Not Eaten Medium Done =98;
Meat Mutagen Broiled Chicken Not Cooked And Not Eaten Very Done =135.5;

Meat Mutagen Broiled Chicken Yes Cooked And Not Eaten Just Done =36;
Meat Mutagen Broiled Chicken Yes Cooked And Not Eaten Medium Done =13;
Meat Mutagen Broiled Chicken Yes Cooked And Not Eaten Very Done =94.5;

Meat Mutagen Broiled Chicken Yes Cooked And Yes Eaten Just Done =69.51;
Meat Mutagen Broiled Chicken Yes Cooked And Yes Eaten Medium Done=72.00;
Meat Mutagen Broiled Chicken Yes Cooked And Yes Eaten Well Done =310.51;

*****Grilled Chicken*****;

/* Meiqx*/

Meiqx Grilled Chicken Not Cooked And Not Eaten Just Done =0;
Meiqx Grilled Chicken Not Cooked And Not Eaten Medium Done =0.36;
Meiqx Grilled Chicken Not Cooked And Not Eaten Very Done =1.15;

Meiqx Grilled Chicken Yes Cooked And Not Eaten Just Done =0;
Meiqx Grilled Chicken Yes Cooked And Not Eaten Medium Done =0.12;
Meiqx Grilled Chicken Yes Cooked And Not Eaten Very Done =0.38;

Meiqx Grilled Chicken Yes Cooked And Yes Eaten Just Done =0.07;
Meiqx Grilled Chicken Yes Cooked And Yes Eaten Medium Done =0.11;
Meiqx Grilled Chicken Yes Cooked And Yes Eaten Well Done =0.55;

/* Phip*/

Phip Grilled Chicken Not Cooked And Not Eaten Just Done =1.53;
Phip Grilled Chicken Not Cooked And Not Eaten Medium Done =11.33;
Phip Grilled Chicken Not Cooked And Not Eaten Very Done =11.33;

```

```

Phip Grilled Chicken Yes Cooked And Not Eaten Just Done =1.52;
Phip Grilled Chicken Yes Cooked And Not Eaten Medium Done =5.75;
Phip Grilled Chicken Yes Cooked And Not Eaten Very Done =5.75;

Phip Grilled Chicken Yes Cooked And Yes Eaten Just Done =5.12;
Phip Grilled Chicken Yes Cooked And Yes Eaten Medium Done =10.24;
Phip Grilled Chicken Yes Cooked And Yes Eaten Well Done =10.24;

/*Dimeiqx*/

Dimeiqx Grilled Chicken Not Cooked And Not Eaten Just Done =0;
Dimeiqx Grilled Chicken Not Cooked And Not Eaten Medium Done =0.37;
Dimeiqx Grilled Chicken Not Cooked And Not Eaten Very Done =0.45;

Dimeiqx Grilled Chicken Yes Cooked And Not Eaten Just Done =0;
Dimeiqx Grilled Chicken Yes Cooked And Not Eaten Medium Done =0;
Dimeiqx Grilled Chicken Yes Cooked And Not Eaten Very Done =0;

Dimeiqx Grilled Chicken Yes Cooked And Yes Eaten Just Done =0;
Dimeiqx Grilled Chicken Yes Cooked And Yes Eaten Medium Done =0;
Dimeiqx Grilled Chicken Yes Cooked And Yes Eaten Well Done =0;

/* Pred Mutagenicity*/

Pred Mutagen Grilled Chicken Not Cooked And Not Eaten Just Done =3;
Pred Mutagen Grilled Chicken Not Cooked And Not Eaten Medium Done=174.5;
Pred Mutagen Grilled Chicken Not Cooked And Not Eaten Very Done =174.5;

Pred Mutagen Grilled Chicken Yes Cooked And Not Eaten Just Done =3;
Pred Mutagen Grilled Chicken Yes Cooked And Not Eaten Medium Done =23.5;
Pred Mutagen Grilled Chicken Yes Cooked And Not Eaten Very Done =23.5;

Pred Mutagen Grilled Chicken Yes Cooked And Yes Eaten Just Done =17.03;
Pred Mutagen Grilled Chicken Yes Cooked And Yes Eaten Medium Done
=32.15;
Pred Mutagen Grilled Chicken Yes Cooked And Yes Eaten Well Done =32.15;

/* Actual Mutagenicity*/

Meat Mutagen Grilled Chicken Not Cooked And Not Eaten Just Done =39.5;
Meat Mutagen Grilled Chicken Not Cooked And Not Eaten Medium Done =161;
Meat Mutagen Grilled Chicken Not Cooked And Not Eaten Very Done =161;

Meat Mutagen Grilled Chicken Yes Cooked And Not Eaten Just Done =93.5;
Meat Mutagen Grilled Chicken Yes Cooked And Not Eaten Medium Done
=166.5;
Meat Mutagen Grilled Chicken Yes Cooked And Not Eaten Very Done =166.5;

Meat Mutagen Grilled Chicken Yes Cooked And Yes Eaten Just Done =129.48;
Meat Mutagen Grilled Chicken Yes Cooked And Yes Eaten Medium Done=271.12;
Meat Mutagen Grilled Chicken Yes Cooked And Yes Eaten Well Done =271.12;

```